

Converting Colors

$Yxy(40.6961, 0.3206, 0.3682)$

Have a look what the booklet for
Yxy(40.6961, 0.3206, 0.3682)
contains.

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Color

Yxy(40.6942, 0.3206, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	A0B095
RGB	160, 176, 149
RGB Percent	63%, 69%, 58%
CMY	0.3726, 0.3098, 0.4157
CMYK	0.09, 0.00, 0.15, 0.31
HSL	96°, 15%, 64%
HSV	96°, 15%, 69%
XYZ	35.4430, 40.6942, 34.4148
YIQ	168.1380, -0.8690, -11.7890

Conversions

Conversions Part 2

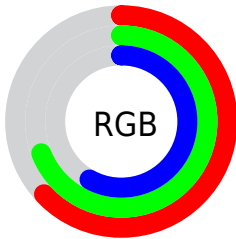
Format	Color
RYB	149, 176, 165
Decimal	10530965
CIELab	69.96, -10.63, 11.97
CIELCh	70, 16.014, 131.611
Yxy	40.6942, 0.3206, 0.3681
Android (android.graphics.Color)	4288721045 (0xFFA0B095)
YUV	168.1380, -9.4350, -7.1370
Hunter-Lab	63.7920, -12.4610, 12.6683

Details

The Yxy color **40.6942, 0.3206, 0.3681** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.6279, 0.3037, 0.2905**, and the grayscale version is **39.2754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4721, 0.3194, 0.3610**, and **18.2359, 0.3225, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **39.1443, 0.3255, 0.3964**, and if you desaturate by 10%, it is **42.4231, 0.3155, 0.3420**.

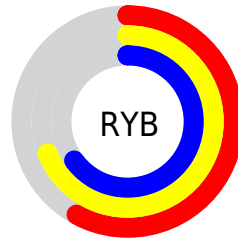
Distribution



Red (63%)

Green (69%)

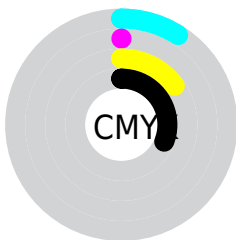
Blue (58%)



Red (58%)

Yellow (69%)

Blue (65%)

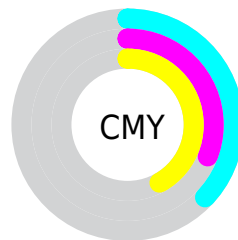


Cyan (9%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (37%)


Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6942, 0.3206, 0.3681 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 40.6942, 0.3206, 0.3681 by changing the saturation by 10% instead.


 40.6942, 0.3206,
0.3681


 40.6942, 0.3206,
0.3681


349.0409, 0.3168,
0.3477

 28.0802, 0.3215,
0.3735


 76.2195, 0.3192,
0.3605

 18.3861, 0.3226,
0.3806


 99.8995, 0.3187,
0.3577

 11.2276, 0.3241,
0.3903


128.0371, 0.3183,
0.3553

 6.2201, 0.3259,
0.4046

161.0165, 0.3179,
0.3534

 2.9794, 0.3282,
0.4274

199.2222, 0.3176,
0.3516

 1.1210, 0.3469,
0.4931

243.0386, 0.3173,

 0.0000, 0.0000,

0.3502

0.0000

292.8500, 0.3170,
0.3489

■ 40.6942, 0.3206,
0.3681

■ 40.6942, 0.3206,
0.3681

■ 39.1443, 0.3255,
0.3964

■ 42.4231, 0.3155,
0.3420

■ 37.7619, 0.3298,
0.4263

■ 44.3312, 0.3103,
0.3183

■ 36.5426, 0.3333,
0.4571

■ 46.4259, 0.3053,
0.2969

■ 35.4794, 0.3356,
0.4875

■ 48.7123, 0.3004,
0.2779

■ 34.5650, 0.3363,
0.5160

■ 51.1954, 0.2958,
0.2610

■ 33.7912, 0.3351,
0.5409

■ 53.8798, 0.2915,
0.2460

■ 33.1489, 0.3321,
0.5608

■ 55.6127, 0.2992,
0.2476

■ 32.6272, 0.3274,
0.5748

■ 57.4237, 0.3073,
0.2495

■ 32.4166, 0.3251,
0.5801

■ 59.3404, 0.3155,
0.2515

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.6942, 0.3424, 0.3698



40.6942, 0.3206, 0.3681



40.6942, 0.2973, 0.3547

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.6942, 0.3206, 0.3681



40.6942, 0.2705, 0.2966



40.6942, 0.3477, 0.3230

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.6942, 0.3206, 0.3681



32.6279, 0.3037, 0.2905

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.6942, 0.3273, 0.3052



40.6942, 0.3206, 0.3681



40.6942, 0.2829, 0.2900

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.6942, 0.3206, 0.3681



40.6942, 0.2690, 0.3123



40.6942, 0.3035, 0.2933



40.6942, 0.3585, 0.3429

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.6942, 0.3206, 0.3681



40.6942, 0.2840, 0.3411



40.6942, 0.3035, 0.2933



40.6942, 0.3417, 0.3167

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.6960, 0.3206, 0.3681



77.0180, 0.3153, 0.3413



38.2218, 0.3376, 0.3512



16.6422, 0.3157, 0.3431



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.6960, 0.3206, 0.3681



72.9323, 0.3221, 0.3763



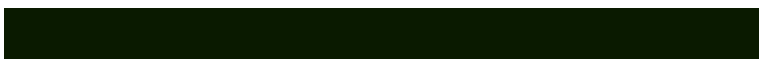
39.6858, 0.3090, 0.3658



9.6532, 0.3175, 0.3521



23.8136, 0.3259, 0.5795



0.7838, 0.3494, 0.5608

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.6279, 0.3037, 0.2905



55.8343, 0.3016, 0.2826



33.7692, 0.3166, 0.2948



8.4710, 0.3075, 0.3061



4.5130, 0.2230, 0.1002



0.1750, 0.2505, 0.1154

Previews

White Background



This preview shows how the Yxy color 40.6942, 0.3206, 0.3681 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 40.6942, 0.3206, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

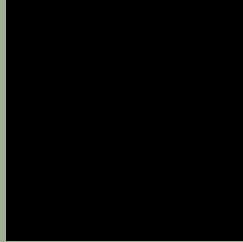
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6942, 0.3206, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 40.6942, 0.3206, 0.3681.



This preview shows how white text looks on a background with the Yxy color 40.6942, 0.3206, 0.3681.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.6942, 0.3206, 0.3681

Protanopia

40.4085, 0.3420, 0.3623

Deuteranopia

40.6140, 0.3534, 0.3476



Tritanopia

40.6279, 0.2961, 0.3098

Trichromacy



Original Color

40.6942, 0.3206, 0.3681

Protanomaly

40.3823, 0.3340, 0.3643

Deuteranomaly

40.5230, 0.3416, 0.3551

Tritanomaly

40.6522, 0.3047, 0.3304

Monochromacy



Original Color

40.6942, 0.3206, 0.3681

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.6984, 0.3157, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6942, 0.3206, 0.3681 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(160, 176, 149)` looks like.

```
.text, #text, p{  
    color:rgb(160, 176, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(160, 176, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 176, 149) }
```

Border

The CSS property to change the border of an element to Yxy 40.6942, 0.3206, 0.3681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(160, 176, 149) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(160, 176, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(160, 176, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 176, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 176, 149);  
box-shadow:4px 4px 4px 4px rgb(160, 176,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6942, 0.3206, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 176, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(160,  
176, 149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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